

Technical Data Sheet

StoJet PIH 200

PUR injection resin



Characteristics

Area of application

- for closing, sealing, and ductile filling of cracks in concrete
- crack width: ≥ 0.1 mm
- moisture state of the crack in accordance with EN 1504-5: dry, moist, or wet
- suitable for water-bearing cracks in accordance with EN 1504-5 in combination with StoJet PU VH 200
- in walls, ceilings, and floors in interior and exterior areas
- injection product for the filling of cracks accordance with EN 1504-5
- injection product for the filling of cracks accordance with DIN V 18028

Properties

- deep penetration into the crack
- low viscosity
- high elasticity
- mixing ratio: 1:1 volumetric
- BAST-approved (German Federal Highway Research Institute)

Technical data

Criterion	Standard / test specification	Value/ Unit	Notes
Viscosity (at 23 °C)	EN ISO 3219	100 - 150 mPa.s	mixture
Density (mixture 23 °C)	EN ISO 2811	0,97 - 1,03 g/cm ³	

The characteristic values stated are average values or approximate values. Due to the natural raw materials in our products, the stated values can vary slightly in the same delivery batch; this does not affect the suitability of the product for its intended use.

Substrate

Requirements

- Area of the crack
- free from release agents
 - free of dust

Preparations

- Area of the crack in the concrete
- clean with an industrial vacuum cleaner or with oil-free compressed air

Technical Data Sheet

StoJet PIH 200

Application

Application conditions Material temperature during mixing: min. +8 °C, max. +30 °C
Substrate temperature: min. +8 °C, max. +30 °C

Application temperature Lowest application temperature: +8 °C
Highest application temperature: +30 °C

Time for application at +8 °C: approx. 95 minutes
at +23 °C: approx. 50 minutes
at +30 °C: approx. 35 minutes

Mixing ratio component A : component B = 1 : 1 parts by volume
component A : component B = 100.0 : 120.0 parts by weight
Component A and component B are already delivered in the correct mixing ratio.

Material preparation Tools required:
- slow-moving paddle mixer (speed: max. 300/rpm)

- 1) Stir component A.
- 2) Add component B completely to component A.
- 3) Mix both components until a homogeneous mixture is obtained.
- 4) Transfer the mixture into a clean container and stir again.

If only a partial quantity of material is used, shake the container to homogenise the dehumidification system.

Application

the product is part of the following system:
- StoConcrete Inject PUR

1) Injection packers that can be used:
adhesion packer: StoJet K 300
hammer-in packer: StoJet P 210
drill packer: StoJet P 214
hammer-in packer: StoJet P 106, StoJet P 110, StoJet P 113

2) Adhesive and insulating material: StoJet PUK

3) Rapid-foaming PUR injection resin (only for water-bearing cracks): StoJet PU VH 200

4) PUR injection resin: StoJet PIH 200

Note on water-bearing cracks:

- 1) Pre-inject the crack with the rapid-foaming StoJet PU VH 200 using an injection packer.
- 2) As soon as the flow of water subsides, inject StoJet PIH 200 using the same

Technical Data Sheet

StoJet PIH 200

injection packer.

Tools required:

- drill bit
- hammer
- injection packer
- single-component or two-component injection system for reaction resins
- nipple key

1) Inject StoJet PIH 200 into the crack using an injection packer. Further information can be found in the technical data sheets of the different injection packers.

In order to fill the crack as completely as possible, re-inject StoJet PIH 200 during its pot life.

Note on application in accordance with ZTV-ING:

- 1) Pre-inject the crack with the rapid-foaming StoJet PU VH 200 using an injection packer. Use the product only in the rear third of the building element cross-section.
- 2) As soon as the penetrating flow of water subsides, inject StoJet PIH 200 into the crack using a drill packer.

Cleaning the tools

Clean the tools and injection system immediately after use with StoCryl VV. Then rinse and preserve the injection equipment with StoJet NR.

Notes, recommendations, special information, miscellaneous

The declaration(s) of performance can be obtained from the StoCretec Technisches InfoCenter
 General application instructions are available at www.stocretec.de and in the notes of the latest Technical Manual.

The 9-kg Combi container contains a box with 9 x 1 kg Combi.

Delivery

Packaging

tin
 Can

Article number	Name	Container
09380/004	StoJet PIH 200 Combi	9 kg combi
09380/002	StoJet PIH 200 Set	20 kg set

Storage

Storage conditions

Store in dry and frost-free conditions.

Storage life

The product quality is best guaranteed in its unopened original container until its shelf life has expired. The first digit of the batch number is the final digit of the year. The second and third digits indicate the calendar week. Example:

Technical Data Sheet

StoJet PIH 200

1450013223 - shelf life until end of calendar week 45 in 2021.
See product packaging

Identification

Product group Injection resin

GISCODE x

Safety

This product is subject to compulsory labelling in accordance with the current EU regulation.
You will receive an EU Safety Data Sheet with your first order.
Please observe the information regarding the handling of the product, its storage, and disposal.

Special notes

The information in this Technical Data Sheet serves to ensure the product's intended use, or its suitability for use, and is based on our findings and experience. Users are nevertheless responsible for establishing the product's suitability and use.
Applications not specifically mentioned in this Technical Data Sheet are permissible only after prior consultation. Where no approval is given, such applications are at the user's own risk. This applies in particular when the product is used in combination with other products.

When a new Technical Data Sheet is published, all previous Technical Data Sheets are no longer valid. The latest version is available on the Internet.

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